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台湾耳蕨属一新种*

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A NEW SPECIES OF *POLYSTICHUM* (DRYOPTERIDACEAE) FROM TAIWAN, CHINA

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关键词 耳蕨属；台中耳蕨

台中耳蕨 新种 图 1:1~5

Polystichum taizhongense H. S. Kung, sp. nov.

Species affinis *P. moupinensi* (Franch.) Bedd., sed pinnis reflexis, apice obtusis, fere ad costam pinnatifidis; segmentis 2~4-jugis; indusiis convexis apice depressis differt.

Tota planta c. 10~15 cm alta. Rhizoma non visum. Stipes 3~5 cm longus, basi 1~2 mm diametro, stramineus, versus basin brunneus, ventraliter canaliculatus, paleis anguste lanceolatis et linearibus flavo-brunneis onustus, necnon paleis anguste ovatis brunneis prope basin mixtus; lamina lineari-lanceolata, 8~12 cm longa, 1.6~2.5 cm lata, apice acuminata, basi angustata, bipinnatifida; pinnae 19~24-jugae, alternae, reflexae, sessiles, ovatae vel anguste ovatae, mediae 6~14 mm longae, 4~6 mm latae, apice obtusae, basi late cueatae vel rotundato-cuneatae, pinnatifidae; segmentis 2~4-jugia, suboppositis, leviter ascendentibus, oblongis, c. 2 mm longis, 1 mm latis, margine superne serratis; venae in segmentis pinnatae, utrinque leviter elevatae. Pagina frondis textura chartacea, supra paleis fibrosis sparsim, subtus paleis flavo-brunneis anguste lanceolatis vestita; rhachides ventraliter canaliculatae, utrinque paleis linearibus flavo-brunneis vestitae. Sori utroque costae latere 1-seriati, ad apicem nervulorum siti; indusia rotunda, peltata, convexa, apice depressa, margine irregulariter undulata.

Taiwan(台湾): Taizhong(台中), Nanhudashan(南湖大山), on alpine scree with only sparse herbs, alt. 3500 m, 1991-08-12, S. J. Moore(牟善杰)12815(type, PYU; isotype, S. J. Moore Herbarium); ibed. S. J. Moore 12810.

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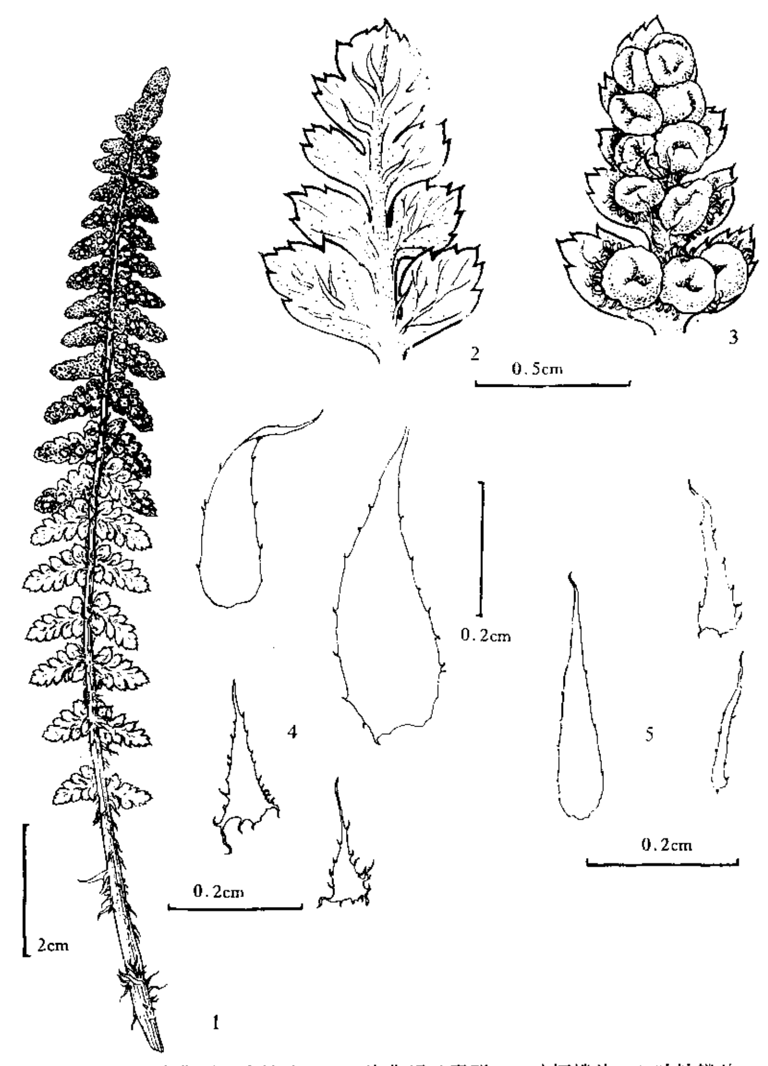


图1 台中耳蕨 1.叶；2.羽片背面示小鳞片；3.羽片背面示囊群；4.叶柄鳞片；5.叶轴鳞片。

Fig.1 *Polystichum taizhongense* H.S.Kung 1.frond; 2.undersurface of pinna showing small scales; 3.undersurface of pinna showing sori; 4.scales of petiole; 5.scales of rachis.

植株高约10～15 cm，根茎未见。叶柄长3～5 cm，基部直径1～2 mm，禾杆色基部带棕色，腹面有浅纵沟，密生狭披针形及线形黄棕色鳞片，基部混生狭卵形棕色鳞片。叶片线状披针形，长8～12 cm，宽1.6～2.5 cm，先端渐尖，基部变狭，二回羽状深裂；羽片19～24对，互生，略斜向下，柄极短，卵形或狭卵形，中部的长6～14 cm，宽4～6 mm，先端钝圆，基部宽楔形或圆楔形，羽状深裂；裂片2～4对，近对生，略斜向上，矩圆形，长约2 mm，宽约1 mm，上部有小尖齿；裂片具羽状脉，两面微凸起；叶片纸质，腹面疏生纤毛状小鳞片，背面有较多披针形小鳞片；叶轴腹面有浅纵沟，两面有线形黄棕色鳞片。孢子囊群位于羽轴两侧各1行，生于小脉顶端；囊群盖圆形，盾状，拱凸状而顶端凹下，边缘呈不规则的波状。

本种近穆坪耳蕨 *P. moupinense*(Franch.)Bedd.，但羽片斜向下，先端钝圆，羽状深裂几达羽轴；裂片2～4对；囊群盖拱凸状且顶端凹下而不同。